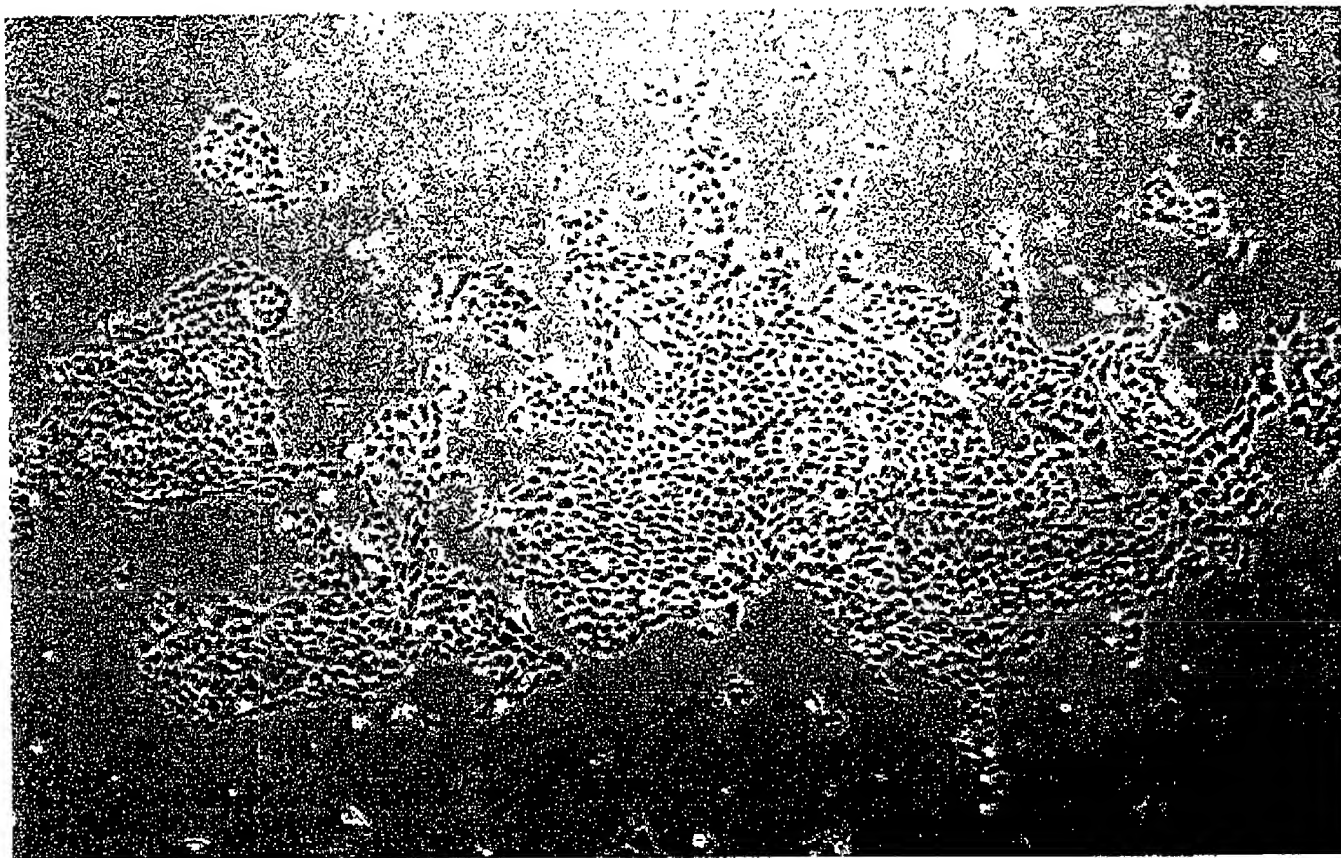


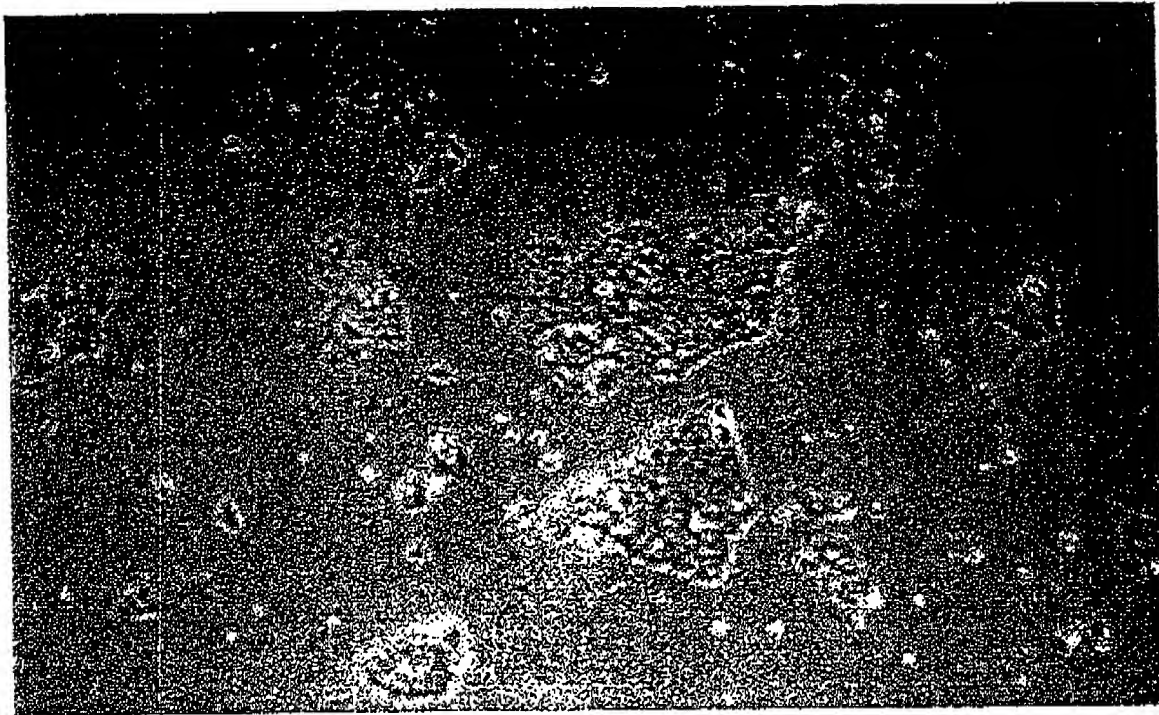
**EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 1B



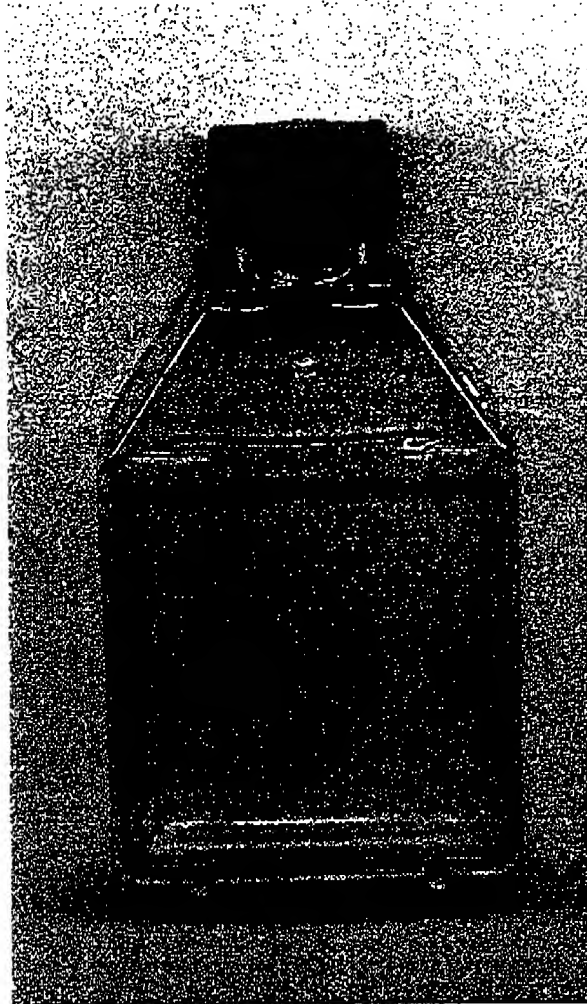
**EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 1C



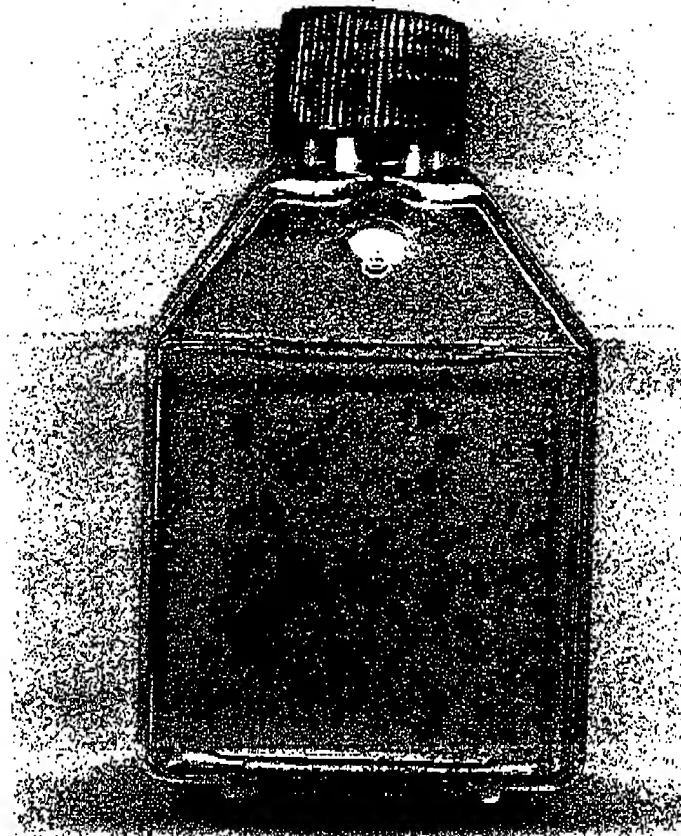
**EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 1D



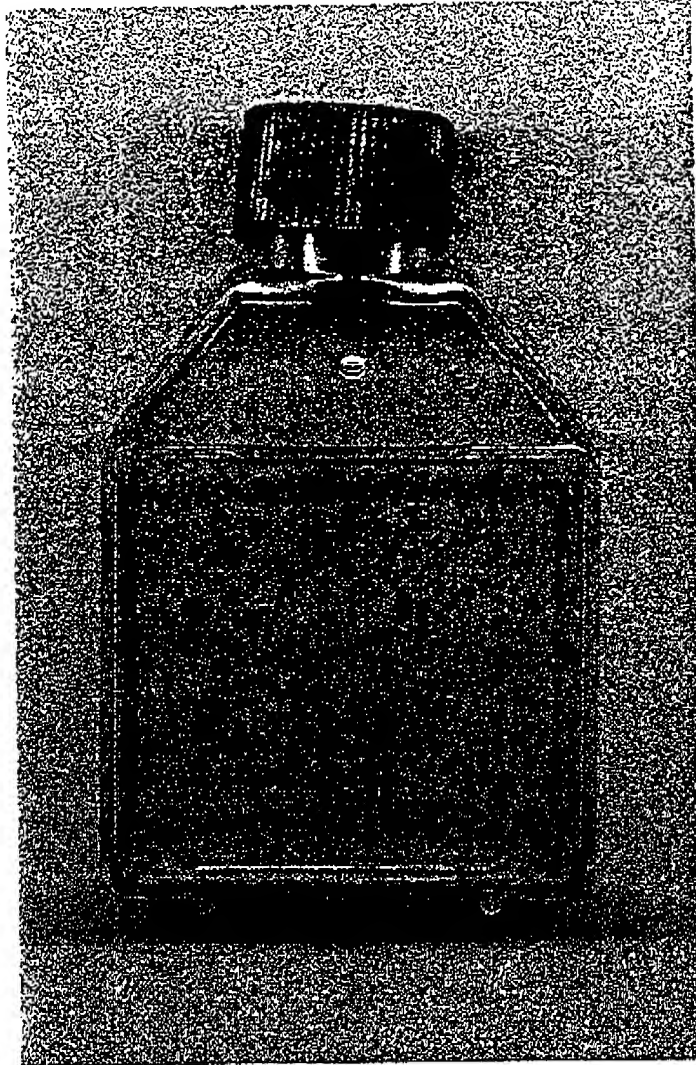
**EXPERIMENT 2 - PLATE A - 1 HR
TOTAL CELL PLATING
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS = 1.0**

FIGURE 2A



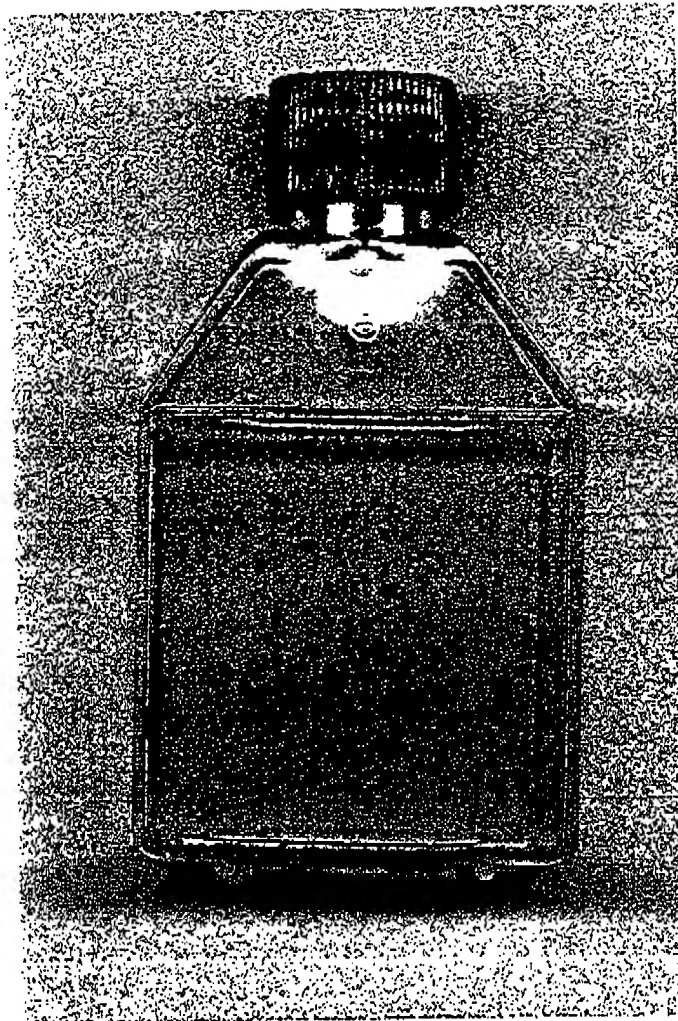
**EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 33.8**

FIGURE 2B



**EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 29.7**

FIGURE 2C



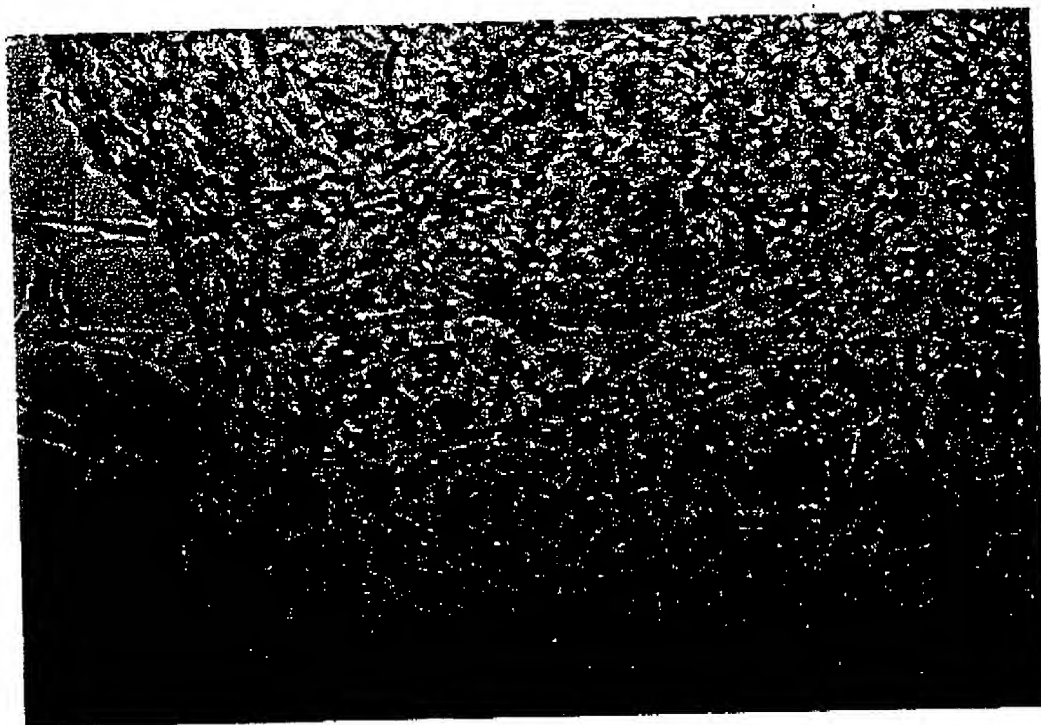
**EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY TO PLATE A = 6.7**

FIGURE 2D



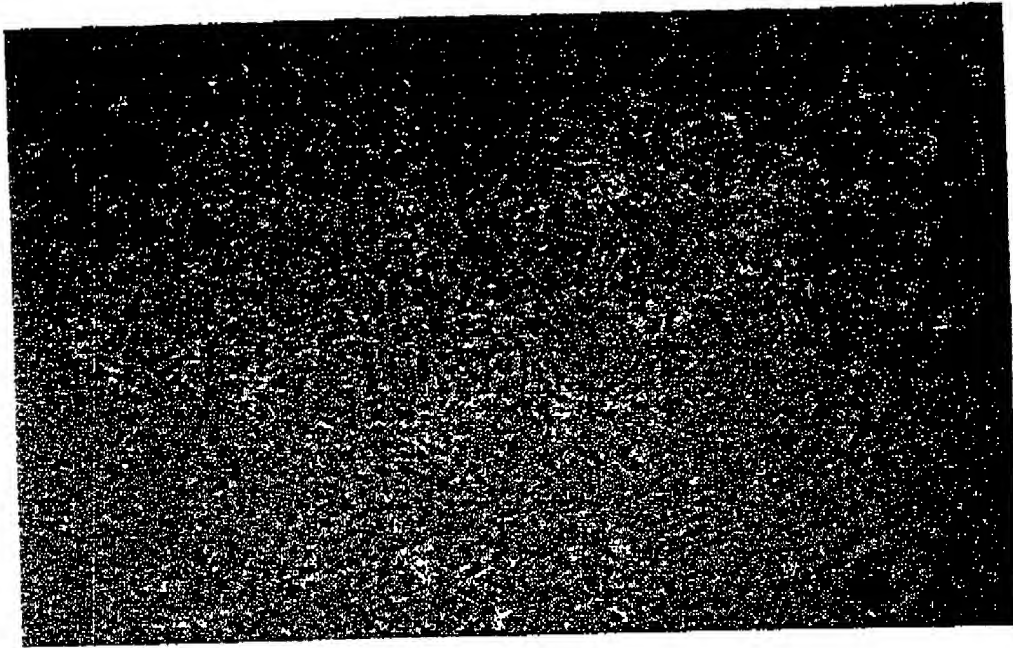
**RETINYL ACETATE CULTURE TREATMENT
PRE-DISPASE RELEASE OF SKIN SHEET
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 3A



**RETINYL ACETATE
WITHOUT PROTEIN GROWTH FACTORS
RETINYL ACETATE - SKIN SHEET
TREATED W/ FBS +1mm Ca⁺⁺
DISPASE TOTAL RELEASE
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 3B



**TOTAL CELL PLATING
CONTROL
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 4A



**WITH PROTEIN GROWTH FACTORS
TREATED W/ FBS + 1mm Ca⁺⁺
CONTROL - SKIN SHEET DISPASE RELEASED
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 4B

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